CONSTRUCTION MANAGEMENT, ASSOCIATE IN APPLIED SCIENCE

College(s): KK
Program Code: 0375

The Associate in Applied Science degree program in Construction Management prepares students to receive the education, training, and business knowledge necessary for employment in the construction industry. The program offers classroom and lab experiences led by instructors who are experienced as superintendents or project managers for some of the largest construction firms in the country.

**Program Requirements**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH 101</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>Additional General Education Courses</td>
<td>1,2</td>
<td>12</td>
</tr>
<tr>
<td>BUSINES 181</td>
<td>Financial Accounting</td>
<td>4</td>
</tr>
<tr>
<td>BUSINES 269</td>
<td>Principles Of Management</td>
<td>3</td>
</tr>
<tr>
<td>CIS 120</td>
<td>Introduction to Computer Applications</td>
<td>3</td>
</tr>
<tr>
<td>432CMGT 601</td>
<td>Introduction to Construction</td>
<td>2</td>
</tr>
<tr>
<td>432CMGT 602</td>
<td>Methods of Building Construction</td>
<td>3</td>
</tr>
<tr>
<td>432CMGT 603</td>
<td>Building Materials and Testing</td>
<td>3</td>
</tr>
<tr>
<td>432CMGT 604</td>
<td>Blueprint and Specifications</td>
<td>3</td>
</tr>
<tr>
<td>432CMGT 605</td>
<td>Construction Cost Estimating</td>
<td>3</td>
</tr>
<tr>
<td>432CMGT 606</td>
<td>Construction Contracting Specs</td>
<td>3</td>
</tr>
<tr>
<td>432CMGT 607</td>
<td>Construction Scheduling/Management</td>
<td>3</td>
</tr>
<tr>
<td>432CMGT 608</td>
<td>Project Management</td>
<td>3</td>
</tr>
<tr>
<td>432CMGT 609</td>
<td>Construction Safety II</td>
<td>3</td>
</tr>
<tr>
<td>ENGLISH 107</td>
<td>Report Writing</td>
<td>3</td>
</tr>
<tr>
<td>332TECH 449</td>
<td>Professional Development</td>
<td>2</td>
</tr>
</tbody>
</table>

**Program Electives**

Students should meet with a College Advisor for selection of elective courses.

- Select an additional 12 hours of general education courses from Communications, Fine Arts & Humanities, Mathematics, Social & Behavioral Sciences, or Physical & Life Sciences.
- At least one course must meet the Human Diversity (HD) requirement

**Total Hours** 65

**Pathway**

This is an example course sequence for students interested in earning a degree in Construction Management. If the pathway is followed as outlined, student will earn an Associate in Applied Science degree. Courses may be substituted within the indicated categories (except Communications courses).

This pathway is a suggested set of courses that will allow you to earn an Associate in Applied Science (AAS) in Construction Management degree from the City Colleges of Chicago. This degree is required for construction managers. Construction management and technology is a broad field and this degree will prepare you for well-paying management positions.

**Semester-by-Semester Program Plan for Full-Time Students**

All plans can be modified to fit the needs of part-time students by adding more semesters.

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGLISH 101</td>
<td>Composition</td>
</tr>
<tr>
<td>BUSINES 111</td>
<td>Introduction To Business</td>
</tr>
</tbody>
</table>
CIS 120 Introduction to Computer Applications 3
432CMGT 601 Introduction to Construction 2
432CMGT 602 Methods of Building Construction 3
Any Art, Music, or Theater Art course 1 3

Hours 17

Semester 2
432CMGT 603 Building Materials and Testing 3
432CMGT 604 Blueprint and Specifications 3
Mathematics or Life Sciences or Physical Sciences course 1 3-4
BUSINES 181 Financial Accounting 4
Social and Behavioral Sciences course 1 3

Hours 16-17

Semester 3
Additional General Education course (HD) 1 3
432CMGT 605 Construction Cost Estimating 3
432CMGT 606 Construction Contracting Specs 3
ENGLISH 107 Report Writing 3
BUSINES 269 Principles Of Management 3
332TECH 449 Professional Development 2

Hours 17

Semester 4
432CMGT 607 Construction Scheduling/Management 3
432CMGT 608 Project Management 3
432CMGT 609 Construction Safety II 3
Elective 2 3
Elective 2 3

Hours 15

Total Hours 65-66

1

General Education Requirements
2

Students should meet with a College Advisor for selection of elective courses.

Choose your courses with your College Advisor.

Careers

This program can prepare students for the jobs listed below. Click on each one to learn more, including average earnings, annual job openings, and how much education people in that field have. For additional guidance and resources on career options, current City Colleges students and alumni can contact the Career Services Office (https://www.ccc.edu/departments/Pages/Career-Services.aspx).

First-Line Supervisors of Construction Trades and Extraction Workers

Job Description

Directly supervise and coordinate activities of construction or extraction workers.

Salary Based on Experience Level

Take a look at the average hourly/annual earnings for this career in Cook County

Emsi earnings figures are based on OES data from the BLS and include base rate, cost of living allowances, guaranteed pay, hazardous-duty pay, incentive pay (including commissions and bonuses), on-call pay, and tips.

Annual Wages

<table>
<thead>
<tr>
<th>percentiles</th>
<th>Entry-Level</th>
<th>Median</th>
<th>Senior-Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>10th</td>
<td>$45,942</td>
<td>$83,628</td>
<td>$135,352</td>
</tr>
<tr>
<td>90th</td>
<td>$131,193</td>
<td>$224,795</td>
<td>$396,191</td>
</tr>
</tbody>
</table>

Hourly Wages

<table>
<thead>
<tr>
<th>percentiles</th>
<th>Entry-Level</th>
<th>Median</th>
<th>Senior-Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>10th</td>
<td>$22</td>
<td>$40</td>
<td>$65</td>
</tr>
<tr>
<td>90th</td>
<td>$65</td>
<td>$105</td>
<td>$185</td>
</tr>
</tbody>
</table>

Annual Job Openings

499 annual openings in Cook County

National Education Attainment

Here, you can see the level of education that people in this career complete.

<table>
<thead>
<tr>
<th>Degree Program</th>
<th>% of Jobs</th>
</tr>
</thead>
<tbody>
<tr>
<td>A high school diploma or less</td>
<td>42.74%</td>
</tr>
<tr>
<td>A certificate</td>
<td>27.04%</td>
</tr>
<tr>
<td>Some college</td>
<td>7.84%</td>
</tr>
<tr>
<td>An Associate degree</td>
<td>11.88%</td>
</tr>
<tr>
<td>A Bachelor's degree</td>
<td>10.49%</td>
</tr>
<tr>
<td>A Master's or Professional degree</td>
<td>0.00%</td>
</tr>
<tr>
<td>A Doctoral degree or more</td>
<td>0.00%</td>
</tr>
</tbody>
</table>

10.49% continue their education beyond an associate degree